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Dear Torbjorn:

I wonder if it has occurred to you to deal with the following problem (or are you already involved with it)?

The chromosome set of man is still imperfectly defined. The most precise cytometric methods (namely yours) should be systematically applied to resolve the ambiguities.

Apart from the definition of the normal set, I have no doubt many chromosomal deviations remain to be discovered that will elude the essentially qualitative approaches of present day morphology. Paradoxically, quantitative cytometry will probably also be easier to automate in the long run for large scale surveys. The human values of this would be quite substantial.

Do you know of any efforts to examine the human trisomics this way?

Sincerely yours,

Joshua Lederberg
Professor of Genetics

Caspersson